

Section 02512 S

WATER TAP AND SERVICE LINE INSTALLATION

*The following supplement modifies Section 02512 S – Water Tap and Service Line Installation Standard Specification. Where a portion of the Specification is modified or deleted by this Supplementary Specification, the unaltered portions of the Specification shall remain in effect.*

1.01 SECTION INCLUDES: Add the following Paragraph 1.01D:

D. Substitute Service Installation (Private Side)

1.02 MEASUREMENT AND PAYMENT: Add the following Paragraph 1.02 A.6 and renumber to 1.02 A.1 through 1.02 A.7:

6. Payment for Substitute Service installation of water line  $\frac{3}{4}$ -inch through 2-inch on the private side is on a unit price basis for each installation. The Payment includes the entire work including excavation, restoration and etc. Separate payment will be made for relocating and installing water meters in accordance with Section 02526.

1.03 REFERENCES: Add the following Paragraph 1.03C:

C. Uniform Plumbing Code Latest Edition

1.04 DEFINITIONS: Add the following Paragraph 1.04D:

- D. Substitute Service Installation: Water service line connecting the new water meter to a preferably  $\frac{3}{4}$ -inch minimum water line at a hose bibb connection located on the structure.

PART 3 EXECUTION: Add the following section 3.03 and renumber to 3.01 through 3.06.  
Also add the following section 3.06.

3.03 SUBSTITUTE SERVICE INSTALLATION (PRIVATE SIDE)

- A. The contractor is also responsible for the work on the private side of the Residents/Businesses property as shown on each individual sketch. The customers' consents for Rights of Entry/Access to the property (ROE) are obtained for each Resident/Business where aforementioned water services are being transferred. The customers' consented signed sketches showing proposed water line installation from the structure to the new water meter in FCROW located on the private side of the property for each Resident/Business are also obtained. For any unsigned sketches or problems with ROE issues, please call the **Substitute Services Program Coordinator at (713-837-0990)**. The existing water meter, if defective or without ERT module is to be replaced with a new one, located in the

BAE or at the back of the private property is to be relocated in the newly installed meter box with related appurtenances in FCROW of the property. The private water line shall be cut, plug and abandoned at or near the previous distribution water line tap connection and also at or near the first use of water connection point on the private side of the property ensuring non stagnant water condition. The contractor shall retain the services of a licensed Master Plumber for the water line work performed on the private side of the Residents/Businesses property. This work on the private side of the property shall be performed according to the City of Houston Code Enforcement Division guide lines.

3.06 SEQUENCE OF OPERATIONS FOR SUBSTITUTE SERVICE INSTALLATION  
(PRIVATE SIDE)

A. Substitute Service Installation work includes but is not limited to the following:

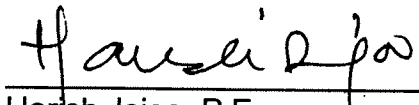
1. Identify and Coordinate with Residents/Businesses qualified for Substitute Service Installation work.
2. Notify each property owner and/or Residents/Businesses seventy-two (72) hours prior to work commencing on the private side. Customer shall be notified in person or by using a door hanger notification.
3. Locate the existing/proposed water lines.
4. Expose the existing/proposed water lines for each service connection.
5. Tap the proposed/existing water distribution lines. Ensure that the corporation stop is left in open position.
6. Cut, Plug and abandon water lines.
7. Install a new service line for each connection from the proposed/ existing distribution water line to the new water meter box. The new service line shall **NOT** have kinks or bends.
8. Install new water meter boxes for each connection. Ensure the interior of the new water meter box pit is clean and allows room for the installation of a water meter without additional digging and relocation of the new water meter box.
9. Install new curb stop valve inside the new water meter box at the termination of new service line. The curb stop valve must not extend more than three inches inside the new water meter box.
10. The licensed Master Plumber shall obtain the plumbing permit for each water line service transfer on the private side of the property from **Code Enforcement Division**, Plumbing Inspection Section, **3300 Main Street, 2<sup>nd</sup> Floor**, Houston, Texas 77002.
11. Maintain water service at all times except when actual water meter transfer work is being conducted (approximately 2 hours).
12. Install a new water line from the structure to the new water meter box. The Master Plumber shall verify that the installation of water line including the tie-in-location at the structure conforms to the latest version of the City of Houston Uniform Plumbing Code and make adjustments as necessary.
13. Transfer the existing water meter, if not defective and is equipped with ERT module, to the new meter box. For information and cost regarding new water

meters, trade of with defective water meters, water meter packaging and meter boxes, please call **City of Houston's Meter Shop**, 2700 Dalton, Houston, Texas **(713-641-7839)**.

14. Schedule final Inspection by the City of Houston Plumbing Inspector after completing the service transfer. Provide copy of the plumbing Inspection certificate to the Substitute Service Program Coordinator.
15. Submit the following forms (samples attached in the sketch package) as follows:
  - (i) Meter Box Location Form: Please call the Substitute Services Coordinator for any information and obtaining the blank forms. Deliver the completed forms as soon as substitute water line transfer services are finalized.
  - (ii) COH Form W-400-A: Please call the COH Taps and Meters Shop for any information and obtaining the blank forms. Deliver the completed forms the day following the completion date of a new water meter transfer.
16. Backfill and compact water line excavation.
17. Restore all disturbed surfaces to their original condition and/or better. Restore within 72 hours after completion of the intended work on the private side of the property.

END OF SUPPLEMENT

Approved by:



Harish Jajoo, P.E.  
Senior Assistant Director  
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Date

8-23-06